

CDR RID Report

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Document CSS Tech Overview

RID ID	CDR	3 3
Review	SDPS/CSMS	
Originator Ref		
Priority	2	

Section

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Figure Table

Category Name CSS Design

Actionee ECS

Sub Category

Related RIDs
Subcategory ID

Subject Evolution of Object Technology

Description of Problem or Suggestion:

Currently ECS is using OODCE as its implementation technology for objects. Plans are to migrate to CORBA and/or XIDL (under DCE 1.2). Impact of this migration needs to be understood by ECS, PGE developers, ISTs.... in advance of any changes. Furthermore, as many people as possible should be insulated from differences brought about from changes in OO technology. In the PDR timeframe this was to be accomplished by the encapsulation of OODCE. Now this has been dropped.

Originator's Recommendation

- 1) ECS should assess and document potential OO migration paths. For each path, specify its impact upon existing software and the people affected.
- 2) Develop anticipated development and deployment timelines for each path.
- 3) Strongly consider designing a set of public object classes which remain stable as underlying object technologies change.

GSFC Response by:

GSFC Response Date

HAIS Response by:

HAIS Schedule

HAIS R. E.

HAIS Response Date

Status Open

Date Closed

Sponsor Folts

Attachment if any
